

CITY OF HOUSTON PUBLIC WORKS & ENGINEERING



BUDGET & FISCAL AFFAIRS COMMITTEE

FY2015

CORE SERVICES PRESENTATION

October 16, 2014





SUMMARY OF KEY PROCESSES



Key Product (p)/Service (s)	Key Processes/Activities	Key Process Management Responsibility
Water (p)	Treat and Distribute water	Deputy Director, Public Utilities
	Treat and distribute water	
	Maintain treatment and distribution assets	
Wastewater Services (s)	Collect and Treat wastewater	Deputy Director, Public Utilities
	Collect and treat wastewater	
	Maintain collection and treatment assets	
Utility Customer Services (s)	Issue and Collect utility bills	Deputy Director, Resource Management
	Provide and maintain metering devices and system	
	Assist account holders for bill payment	
Drainage (s)	Collect and Discharge stormwater	Deputy Director, Streets & Drainage
	Own/operate drainage system (incl/complying with permit)	
	Maintain storm sewers	
	Maintain drainage ditches	



SUMMARY OF KEY PROCESSES CONTINUED



Key Product (p)/Service (s)	Key Processes/Activities	Key Process Management Responsibility
Street (p)	Provide and Maintain mobility improvements	Deputy Director, Street & Drainage
	Own/operate pavements	
	Maintain pavements	
Traffic Controls (s)	Provide traffic regulation	Deputy Director, Traffic Operations
	Operate traffic systems	
	Maintain traffic systems	
Development Services (s)	Establish & Enforce development records and standards	Deputy Director, Planning and Development Services
	Maintain, administer and enforce building and sign codes	
	Approve private construction within the public ROW	
	Assure commercial habitability and neighborhood	
	Maintain standards and records for public infrastructure	
New/replacement infrastructure (p)	Deliver capital projects	Deputy Director, Engineering & Construction
	Plan, program and coordinate capital projects	
	Manage design of capital projects	
	Manage construction of capital projects	



PWE CORE SERVICES MATRIX

(amounts expressed in millions)



Activities by Key Process

					Mark with (X) if applicable.				Impact of Reduction or Elimination
	Annual Projected Personnel Cost	Annual Projected Supplies/ Services Cost	Total Annual Cost	Annual Projected FTEs	Mandated	Direct Service	Administrative	Funds	
Treat & Distribute water									
Treat & distribute water	\$33.2	\$112.3	\$151.5	393.5	X	X		8300 & 8305	Would lead to potentially unsafe water and fines for non-compliance with TCEQ/EPA regulations.
Maintain treatment and distribution assets	\$31.3	\$26.7	\$63.9	404.7		X		8300 & 8305	
Collect & Treat wastewater									
Collect & treat wastewater	\$49.2	\$84.2	\$138.0	593.3	X	X		8300 & 8305	Would lead to excursions, potential public health issues and fines for non-compliance with TCEQ/EPA regulations.
Maintain collection and treatment assets	\$26.7	\$20.3	\$51.6	353.3		X		8300 & 8305	
Issue & Collect utility bills									
Provide and maintain metering devices and system	\$14.6	\$10.7	\$28.3	183.7		X		8300 & 8305	A reduction in customer service and a reduction in revenue collections which would require higher rates.
Assist account holders for bill payment	\$20.6	\$15.4	\$36.6	276.7	X	X		2310, 8300 & 8305	



PWE CORE SERVICES MATRIX

(amounts expressed in millions)



Activities by Key Process

Mark with (X) if applicable.

Annual Projected Personnel Cost	Annual Projected Supplies/ Services Cost	Total Annual Cost	Annual Projected FTEs	Mandated	Direct Service	Administrative	Fund	Impact of Reduction or Elimination
\$6.5	\$8.4	\$15.3	92.3	X	X		2302 & 2310	More flooding of homes, loss of commercial, personal and public property from floods, and potential fines for stormwater quality violations.
\$8.6	\$4.2	\$14.6	132.1		X		2302	
\$8.8	\$4.6	\$14.7	159.3		X		2302	
\$1.6	\$2.0	\$3.6	20.6	X	X		2310	Streets would further deteriorate causing damage to vehicles and unsafe conditions for citizens, commercial vehicles and emergency vehicles
\$16.1	\$22.5	\$42.0	275.6		X		2310	
\$3.7	\$36.6	\$40.4	44.2	X	X		1000, 1001, 2310 & 2402	Traffic signals would more frequently fail around the city subjecting all vehicular and pedestrian traffic to dangerous conditions and accidents
\$12.8	\$5.6	\$19.5	156.8		X		1000 & 2310	



PWE CORE SERVICES MATRIX

(amounts expressed in millions)



Activities by Key Process

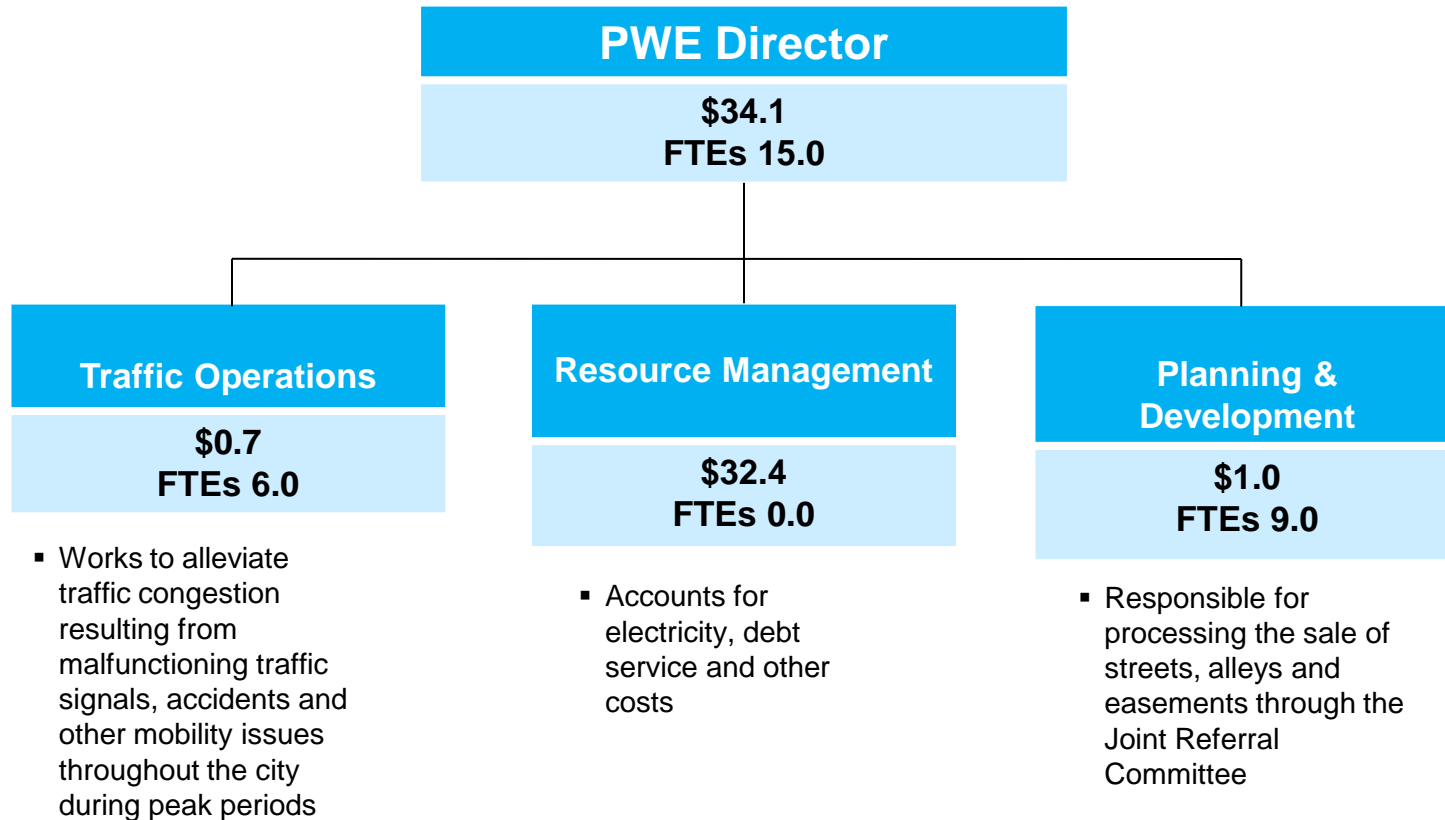
Mark with (X) if applicable.

Annual Projected Personnel Cost	Annual Projected Supplies/ Services Cost	Total Annual Cost	Annual Projected FTEs	Mandated	Direct Service	Administrative	Funds	Impact of Reduction or Elimination
Establish & Enforce development records and standards								
Maintain, administer and enforce building and sign codes	\$46.8	\$15.2	\$65.1	522.9	X	X	2301, 8300 & 8305	Reductions would cause delays in permitting which would lead to a decline in commercial expansions. Reductions in sign administration would lead to a loss in revenue and visual blight.
Review, approve and inspect private construction within the public ROW	\$8.5	\$2.4	\$12.1	87.3	X	X	1000 & 2301	Reductions would also cause delays in joint referral processing in the General Fund thus leading to a loss in revenue from the sale of streets and easements.
Assure commercial habitability and neighborhood protection	\$2.2	\$1.9	\$5.2	24.8	X	X	2301	Would lead to less compliance and more unsafe conditions for apartment dwellers.
Maintain standards and records for public infrastructure	\$1.3	\$0.6	\$1.9	11.3	X	X	1001	Would lead to slower updates to standards and a loss of timely access to needed information about current infrastructure
Deliver capital projects								
Plan, program and coordinate capital projects	\$8.8	\$2.0	\$10.9	83.6	X	X	1001, 2310, 8300 & 8305	Would lead to a deterioration in our infrastructure that would cost more to fix in the long term. Also would lead to sewer excursions, potential loss of water to some locations due to breaks, unsafe streets, more flooding, etc.
Manage design of capital projects	\$13.3	\$3.5	\$17.0	122.4	X	X	1001, 2310 & 8300	
Manage construction of capital projects	\$14.5	\$3.6	\$18.3	146.4	X	X	1001, 2310, 8300 & 8305	
Total All Activities	\$329.1	\$382.7	\$750.5	4,084.8				6



PUBLIC WORKS & ENGINEERING DEPARTMENT GENERAL FUND

(amounts expressed in millions)

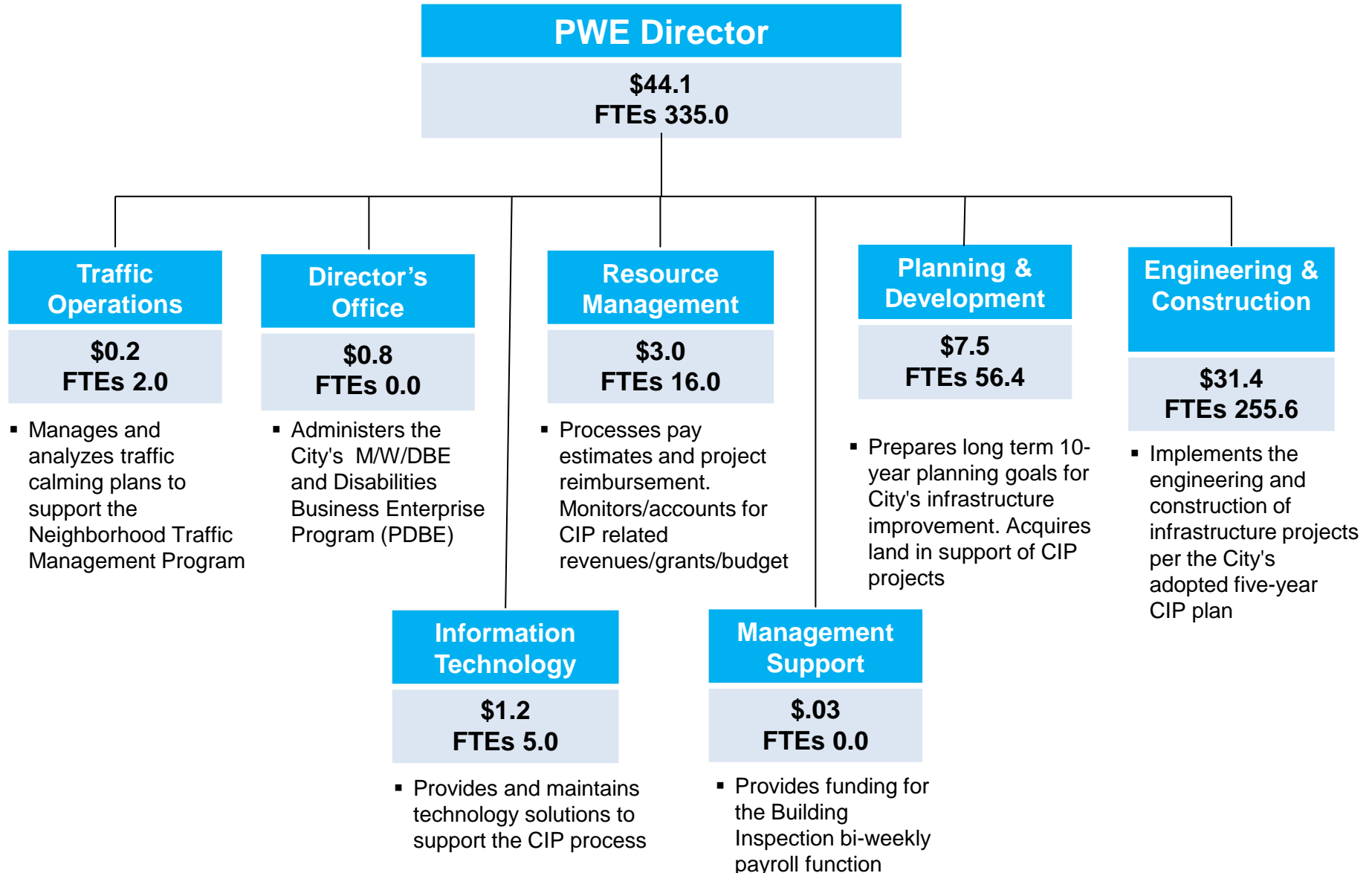




PUBLIC WORKS & ENGINEERING DEPARTMENT

PROJECT COST RECOVERY

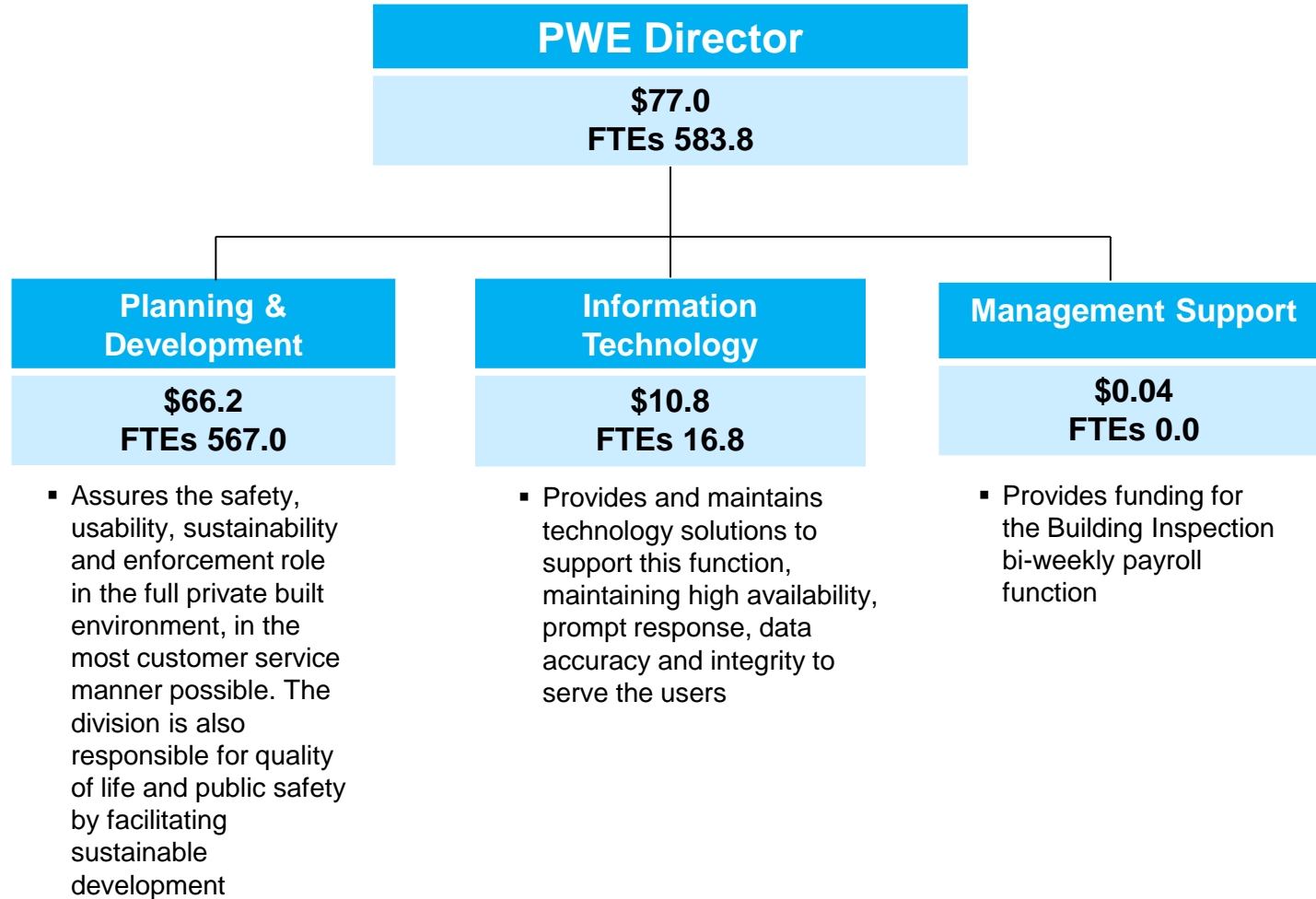
(amounts expressed in millions)





PUBLIC WORKS & ENGINEERING DEPARTMENT BUILDING INSPECTION FUND

(amounts expressed in millions)

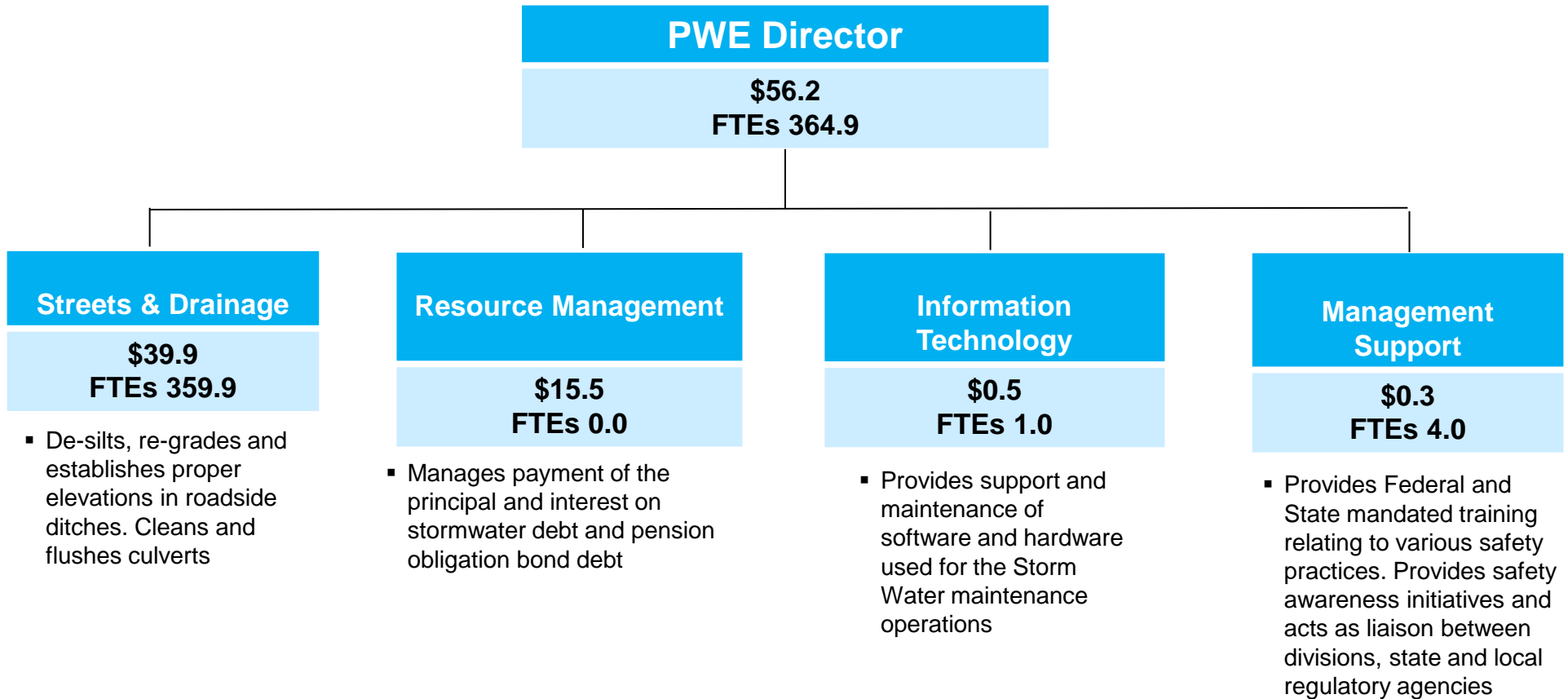




PUBLIC WORKS & ENGINEERING DEPARTMENT

STORMWATER FUND

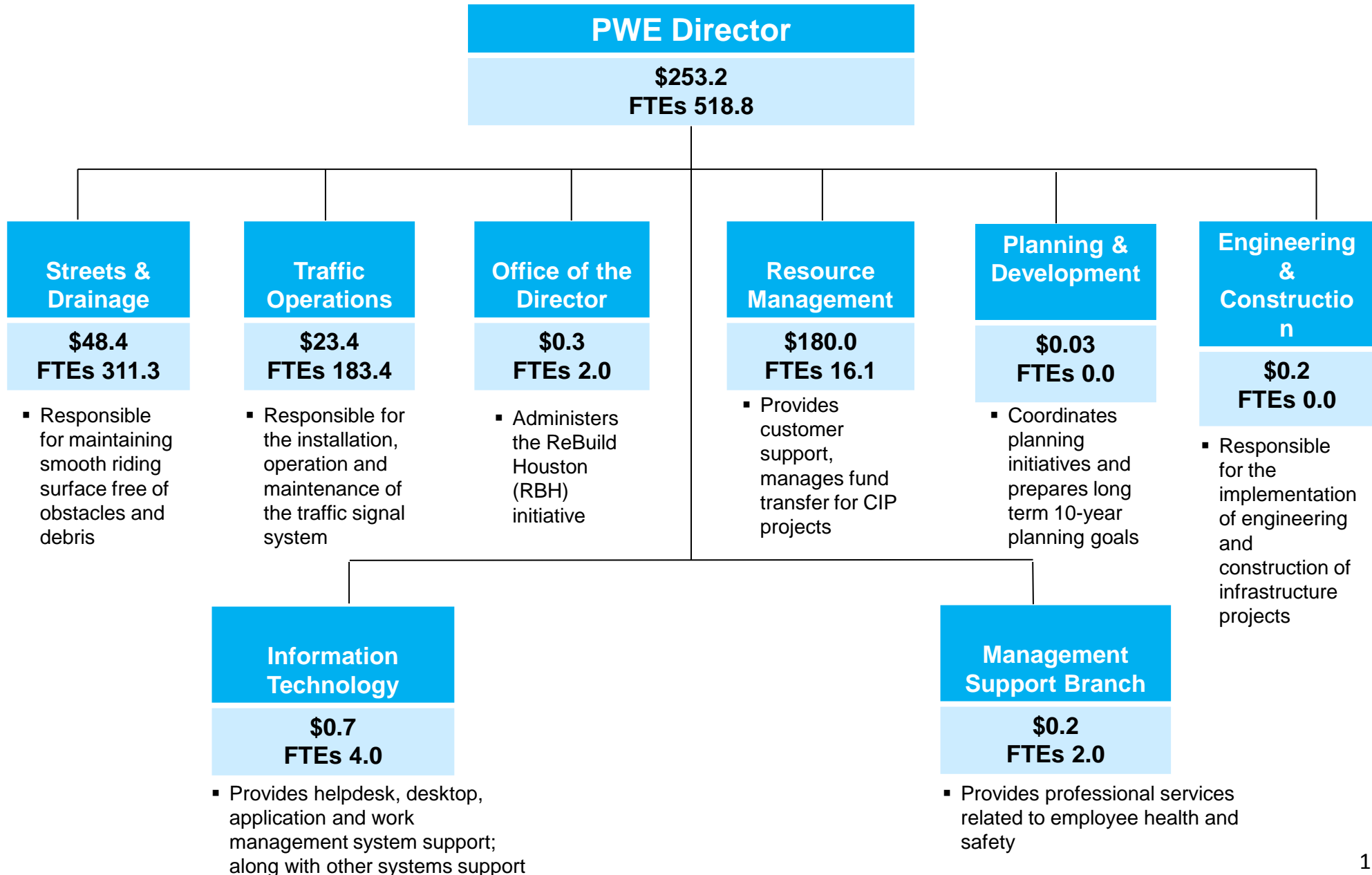
(amounts expressed in millions)





PUBLIC WORKS & ENGINEERING DEPARTMENT DEDICATED DRAINAGE & STREET RENEWAL FUND

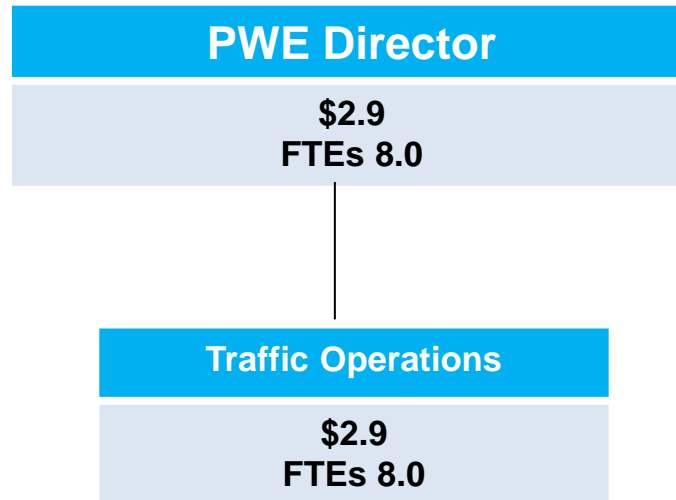
(amounts expressed in millions)





PUBLIC WORKS & ENGINEERING DEPARTMENT HOUSTON TRANSTAR

(amounts expressed in millions)

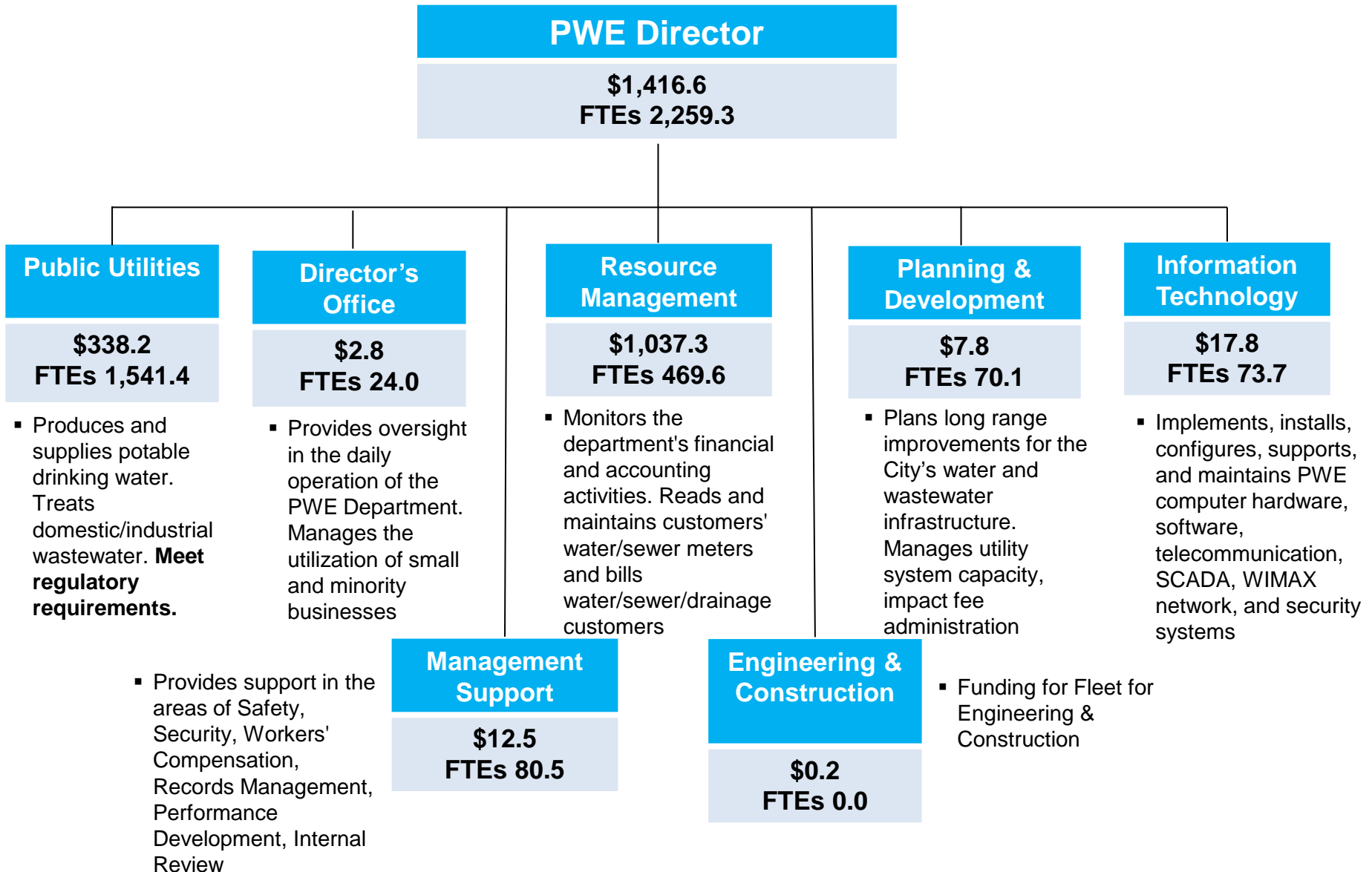


- Manages, operates and maintains the Houston TranStar Center



PUBLIC WORKS & ENGINEERING DEPARTMENT COMBINED UTILITY SYSTEM

(amounts expressed in millions)





CORE SERVICE EXPENDITURE RECONCILIATION

(amounts expressed in thousands)



Description	Amount	Balance
Total PWE FY15 Expenditure Budget to be Published		\$ 1,884,229
Less: Interfund Transfer (in Budget twice)		
CUS transfer to Stormwater (8305 - 2302)	\$ 42,002	
CUS transfer between CUS funds	\$ 390,117	
DDSRF transfer to Stormwater (2310 - 2302)	\$ 14,012	
Project Cost Recovery and DDSRF (1001 & 2310) transfer to CUS	\$ 827	
Subtotal of total Interfund Transfer	<u>\$ 446,958</u>	
Total PWE FY15 Expenditure w/o PWE Interfund Transfer		\$ 1,437,271
Less: Non-O&M Expenses/Duplicate expenses		
CUS Debt Service	\$ 440,249	
Drainage Debt Service	\$ 14,807	
CUS pay-as-you-go funding for Capital Projects	\$ 65,000	
DDSRF pay-as-you-go funding for Capital Projects	\$ 162,347	
611 Walker Building Maintenance	\$ 4,337	
Subtotal of non-O&M expenses/duplicate expenses	<u>\$ 686,740</u>	
Total Core Service Expenditures		\$ 750,531

CITY OF HOUSTON PUBLIC WORKS & ENGINEERING



BUDGET & FISCAL AFFAIRS COMMITTEE

FY2015

CORE SERVICES PRESENTATION

October 16, 2014

